



RECEIVED

NOV 22 2000

FILE COPY

RECEIPT #

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William C. Y. Lee et al. Examiner: Not yet assigned
Serial No.: 09/625,626 Group Art Unit: 2744
Filed: July 26, 2000 Docket: G&C 139.136-US-U1
Title: NETWORK ENGINEERING IN A WIRELESS NETWORK

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on October 23, 2000.

By: [Signature]
Name: George H. Gates

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Request for Corrected Filing Receipt Under 37 C.F.R. 1.19(h), Copy of Filing Receipt and Copy of 1st Page of Specification.
- ☒ PTO 2038 Credit Card Payment Form in the amount of \$25.00 for a Corrected Filing Receipt Under 37 C.F.R. §1.19(h).
- ☒ Return postcard.

Please consider this a **PETITION FOR EXTENSION OF TIME** for a sufficient number of months to enter these papers, if appropriate.

Please charge any additional fees or credit any overpayment to Deposit Account No. 50-0494 of Gates & Cooper. A duplicate of this paper is enclosed.

Customer Number 22462.

GATES & COOPER
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: [Signature]
Name: George H. Gates
Reg. No.: 33,500
GHG/sjm

BEST AVAILABLE COPY

(PTO TRANSMITTAL - GENERAL)

RECEIVED

NOV 2 2 2000

Technology Center 2600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: William C. Y. Lee et al. Examiner: William C.Y. Lee et al.
Serial No.: 09/625,626 Group Art Unit: 2744
Filed: July 26, 2000 Docket: G&C 139.136-US-U1
Title: NETWORK ENGINEERING IN A WIRELESS NETWORK

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on October 23, 2000.

By: 

Name: George H. Gates

REQUEST FOR CORRECTED FILING RECEIPT UNDER 37 C.F.R. §1.19(h)

Attn: Office of Initial Patent Examination
Customer Service Center
Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Enclosed is a photocopy of the filing receipt from the U.S. Patent and Trademark Office in the above-identified application showing requested corrections. Because the filing receipt is erroneous due to our error as reflected in the papers originally filed on July 26, 2000, we are enclosing a PTO-2038 Credit Card Payment Form for \$25. Also, we have enclosed the first page of the subject application indicating the correct serial number of the provisional application that this application claims priority to.

The requested correction is shown in **Bold** as follows:

Under the heading "Continuing Data as Claimed by Applicant":

THIS APPLN CLAIMS BENEFIT OF **60/145,727** 07/27/1999

Correction of the records of the U.S. Patent and Trademark Office and issuance of a corrected filing receipt are respectfully solicited.


Respectfully submitted,

William C. Y. Lee et al.

By their attorneys,

GATES & COOPER
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: October 23, 2000

By: 
Name: George H. Gates
Reg. No.: 33,500

GHG/sjm



UNITED STATES PATENT AND TRADEMARK OFFICE

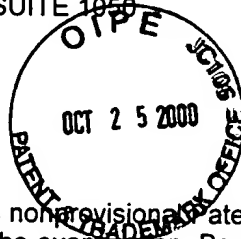
COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

| APPLICATION NUMBER | FILING DATE | GRP ART UNIT | FIL FEE REC'D | ATTY. DOCKET NO | DRAWINGS | TOT CLAIMS | IND CLAIMS |
|--------------------|-------------|--------------|---------------|-----------------|----------|------------|------------|
| 09/625,626 | 07/26/2000 | 2744 | 1000 | 139-136USU1 | 10 | 30 | 2 |

22462

GATES AND COOPER
HOWARD HUGHES CENTER
6701 CENTER DRIVE WEST SUITE 1050
LOS ANGELES, CA 90045

RECEIVED
NOV 22 2000
FILING RECEIPT
Technology Center
C000000005446965



Date Mailed: 10/03/2000

Receipt is acknowledged of this non-provisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

William C.Y. Lee, Danville, CA ;
Jau Young Lee, Pleasanton, CA ;

Continuing Data as Claimed by Applicant

THIS APPLN CLAIMS BENEFIT OF 60/145,870 07/27/1999

60/145,727

Foreign Applications

If Required, Foreign Filing License Granted 09/14/2000

Title

Network engineering in a wireless network

RECEIVED
OCT 19 2000
Gates & Cooper

Preliminary Class

455

Data entry by : SASFAI, DAVID

Team : OIPE

Date: 10/03/2000





NETWORK ENGINEERING IN A WIRELESS NETWORK

RECEIVED

NOV 22 2000

Technology Center 2600

CROSS REFERENCE TO RELATED APPLICATIONS

This application claims priority under 35 U. S. C. § 119(e) to United States

- 5 Provisional Patent Application No. 60/145,727, filed July 27, 1999, entitled "NETWORK ENGINEERING 2000" by William C. Y. Lee and David J. Y. Lee, attorneys' docket number G&C 139.136-US-P1, which application is incorporated by reference herein.

This application is related to the following co-pending and commonly-assigned U.S. Patent Applications:

- 10 Serial Number 09/590,346, filed June 8, 2000, by David J. Y. Lee, Ce Xu, and William C. Y. Lee, entitled "MOBILE INTERNET PROTOCOL SQUARE," attorneys' docket number G&C 139.133-US-U1; and

- Serial Number 09/589,974, filed June 8, 2000, by David J. Y. Lee, Ce Xu, and William C. Y. Lee, entitled "ARCHITECTURE OF INTERNET PROTOCOL-BASED
15 CELLULAR NETWORKS," attorneys' docket number G&C 139.132-US-U1;

both of which applications are incorporated by reference herein.

BACKGROUND OF THE INVENTION

1. Field of the Invention.

- 20 The present invention relates to cellular telephone systems, and, in particular, to network engineering in a wireless communications system.



UNITED STATES PATENT AND TRADEMARK OFFICE

FILE COPY

 COMMISSIONER FOR PATENTS
 UNITED STATES PATENT AND TRADEMARK OFFICE
 WASHINGTON, D.C. 20231
 www.uspto.gov


Bib Data Sheet

| | | | | |
|---|---|--------------------------------|---|---|
| SERIAL NUMBER 09/625,626 | FILING DATE 07/26/2000 RULE - | CLASS 455 | GROUP ART UNIT 2744 | ATTORNEY DOCKET NO. 139.136USU1 |
| APPLICANTS William C.Y. Lee, Danville, CA ; Jau Young Lee, Pleasanton, CA ; | | | | |
| ** CONTINUING DATA ***** THIS APPLN CLAIMS BENEFIT OF 60/145,727 07/27/1999 | | | | |
| ** FOREIGN APPLICATIONS ***** | | | | |
| IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 09/14/2000 | | | | |
| Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged | | STATE OR COUNTRY CA | SHEETS DRAWING 10 | TOTAL CLAIMS 30 |
| Examiner's Signature _____ Initials _____ | | INDEPENDENT CLAIMS 2 | | |
| ADDRESS 22462 | | | | |
| TITLE Network engineering in a wireless network | | | | |
| FILING FEE RECEIVED 1000 | FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following: | | <input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit | |

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☒ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINE(S) OR MARK(S) ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.